

09/720840  
STN Search Summary

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(FILE 'HOME' ENTERED AT 17:14:06 ON 27 APR 2002)

FILE 'CAPLUS' ENTERED AT 17:14:11 ON 27 APR 2002

L1 774 S POLYKETIDE (W) SYNTHASE  
L2 19 S L1 AND (LOADING MODULE)  
L3 104 S L1 AND REVIEW/DT  
L4 46 S L3 AND PDB1999  
L5 4 S L4 AND MODULE  
L6 12 S L4 AND (MODULE OR EXTEND? OR LOADING?)

L2 ANSWER 2 OF 19 CAPLUS COPYRIGHT 2002 ACS  
AN 2002:267511 CAPLUS  
TI Engineering specificity of starter unit selection by the  
erythromycin-producing polyketide synthase  
AU Long, Paul F.; Wilkinson, Christopher J.; Bisang, Christian P.; Cortes,  
Jesus; Dunster, Nicholas; Olinyk, Marko; McCormick, Ellen; McArthur,  
Hamish; Mendez, Carmen; Salas, Jose A.; Staunton, James; Leadlay, Peter F.  
SO Molecular Microbiology (2002), 43(5), 1215-1225

L2 ANSWER 3 OF 19 CAPLUS COPYRIGHT 2002 ACS  
AN 2002:237711 CAPLUS  
TI The Loading and Initial Elongation Modules of Rifamycin Synthetase  
Collaborate To Produce Mixed Aryl Ketide Products  
AU Admiraal, Suzanne J.; Khosla, Chaitan; Walsh, Christopher T.  
SO Biochemistry (2002), 41(16), 5313-5324

L2 ANSWER 9 OF 19 CAPLUS COPYRIGHT 2002 ACS  
AN 2002:2524 CAPLUS  
TI Chain initiation on the soraphen-producing modular polyketide  
synthase from Sorangium cellulosum  
AU Wilkinson, Christopher J.; Frost, Elizabeth J.; Staunton, James; Leadlay,  
Peter F.  
SO Chemistry & Biology (2001), 8(12), 1197-1208

L2 ANSWER 16 OF 19 CAPLUS COPYRIGHT 2002 ACS  
AN 1998:802928 CAPLUS  
TI Evaluating precursor-directed biosynthesis towards novel erythromycins  
through in vitro studies on a bimodular polyketide  
synthase  
AU Weissman, Kira J.; Bycroft, Matthew; Cutter, Annabel L.; Hanefeld, Ulf;  
Frost, Elizabeth J.; Timoney, Maire C.; Harris, Rebecca; Handa, Sandeep;  
Reddis, Marc; Staunton, James; Leadlay, Peter F.  
SO Chem. Biol. (1998), 5(12), 743-754

L2 ANSWER 17 OF 19 CAPLUS COPYRIGHT 2002 ACS  
AN 1998:550955 CAPLUS  
TI Engineering of a minimal modular polyketide synthase,  
and targeted alteration of the stereospecificity of polyketide chain  
extension  
AU Bohm, Ines; Hlaskaur, Ines E.; Hanefeld, Ulf; Cortes, Jesus; Staunton,  
Jim; Leadlay, Peter F.  
SO Chem. Biol. (1998), 5(8), 407-412

L2 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2002 ACS  
AN 1998:48976 CAPLUS  
TI Engineering broader specificity into an antibiotic-producing  
polyketide synthase  
AU Marsden, Andrew F. A.; Wilkinson, Barrie; Cortes, Jesus; Dunster, Nicholas  
J.; Staunton, James; Leadlay, Peter F.  
SO Science (Washington, D. C.) (1998), 279(5348), 199-202

L6 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2002 ACS  
AN 1998:656890 CAPLUS  
TI Harnessing the biosynthetic code: combinations, permutations, and  
mutations  
AU Cane, David E.; Walsh, Christopher T.; Khosla, Chaitan  
SO Science (Washington, D. C.) (1998), 282(5386), 63-68

L6 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2002 ACS  
AN 1998:557326 CAPLUS  
TI Engineering of modular polyketide synthases  
to produce novel polyketides  
AU Carreras, Christopher W.; Santi, Daniel V.  
SO Curr. Opin. Biotechnol. (1998), 9(4), 403-411

L6 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2002 ACS  
AN 1998:436534 CAPLUS  
TI Combinatorial biosynthesis of erythromycin and complex polyketides  
AU Staunton, James  
SO Curr. Opin. Chem. Biol. (1998), 2(3), 339-345

L6 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2002 ACS  
AN 1998:58160 CAPLUS  
TI The biosynthesis of aliphatic polyketides  
AU Staunton, James; Wilkinson, Barrie  
SO Top. Curr. Chem. (1998), 195(Biosynthesis: Polyketides and  
Vitamins), 49-92

L6 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2002 ACS  
AN 1997:720274 CAPLUS  
TI Manipulation of Modular Polyketide Synthases  
AU Katz, Leonard  
SO Chem. Rev. (Washington, D. C.) (1997), 97(7), 2557-2575

L6 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2002 ACS  
AN 1997:594316 CAPLUS  
TI Harnessing the Biosynthetic Potential of Modular  
Polyketide Synthases  
AU Khosla, Chaitan  
SO Chem. Rev. (Washington, D. C.) (1997), 97(7), 2577-2590

L6 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2002 ACS  
AN 1997:404440 CAPLUS  
TI The chemistry and biology of fatty acid, polyketide, and nonribosomal  
peptide biosynthesis  
AU Carreras, Christopher W.; Pieper, Fembert; Khosla, Chaitan  
SO Top. Curr. Chem. (1997), 188(Bioorganic Chemistry), 85-126